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PTO/SB/21 (09-04)

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/536,708	
	Filing Date	5/27/2005	
	First Named Inventor	Horvatic, et al.	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	153	Attorney Docket Number	fraunh01.051

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Gordon E. Nelson, Patent Attorney, PC		
Signature			
Printed name	Gordon E. Nelson		
Date	10/3/2005	Reg. No.	30,093

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(fraunh01.051)

**Applicant:** Horvatic, et al.

**Paper No.:**

**Application No:** 10/536,708

**Group Art Unit:**

**Filed:** 5/27/2005

**Examiner:**

**Title:** *Watermarking digital representations that have undergone lossy compression*

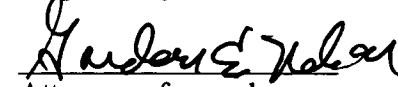
Commissioner for Patents  
Alexandria, VA 22313-1450

**Certification under 37 C.F.R. 1.97(b)**

Applicants' attorney hereby certifies that the items of information contained in the attached information disclosure is being filed in the above patent application within one of the following time periods:

- (1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- (2) Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
- (3) Before the mailing of a first Office action on the merits; or
- (4) Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

Respectfully submitted,

  
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Attorney of record,  
Gordon E. Nelson  
57 Central St., P.O. Box 782  
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October 3, 2005  
Date



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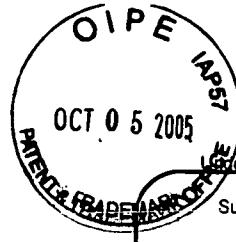
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on October 3, 2005

(Date)

Gordon E. Nelson, #30,093

Gordon E. Nelson  
(Signature)



OCT 05 2009

PTO/SB/08a (08-03)

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**Substitute for form 1449A/PTC**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

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**Complete if Known**

Complete // Known	
Application Number	10/536,708
Filing Date	5/27/05
First Named Inventor	Horvatic, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	fraunh01.051

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	/Yubin Hung/	Date Considered	06/24/2010
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Attorney Docket Number

fraunh01.051

**Complete if Known**

<i>Application Number</i>	10/536,708
<i>Filing Date</i>	5/27/05
<i>First Named Inventor</i>	Horvatic, et al.
<i>Art Unit</i>	
<i>Examiner Name</i>	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/Y.H./		CHANGSHENG ZU, YONGWEI ZHU, DAVID DAGAN FENG, "Digital Audio Watermarking Based-on Multiple-Bit Hopping and Human Auditory System," <a href="http://www.acm.org/sigmm/mm2001/ep/xu/">http://www.acm.org/sigmm/mm2001/ep/xu/</a> [11/18/2003]	
		D. K. KOUKOPOULOS and Y. C. STAMATIOU, "A Compressed-Domain Watermarking Algorithm for Mpeg Audio Layer 3," Computer Technology Institute and Patras University, 2001	
		SUNIL MOHAN ADAPA, "Useful information embedding in images using watermarks," <a href="http://students.iit.net/~mohan/watermarking.html">http://students.iit.net/~mohan/watermarking.html</a> [11/21/2003]	
		NGERMAR J. COX, JOE KILIAN, TOM LEIGHTON, AND TALAL SHAMOON, " Secure Spread Spectrum Watermarking for Multimedia", (c) NEC Research Institute, Technical Report 95-10.	
		MUNETOSHI IWAKIRI, KINEO MATSUI, "Digital Watermark Scheme for High Quality Audio Data by Spectrum Spreading and Modified Discrete Cosine Transform," IPSJ Journal Abstract Vo. 39, No.09-009 <a href="http://www.ipsj.or.jp/members//Journal/Eng/2909/article009.html">http://www.ipsj.or.jp/members//Journal/Eng/2909/article009.html</a> [11/21/2003]	
		HERBERT BUCHNER, "Image and Video Watermarking," Telecommunications Seminar WS 1998	
↓		FRANK HARTUNG, "Multimedia Watermarking Techniques," Proceedings of the IEEE, Vol. 87, No.7, July 1999	

Examiner Signature	/Yubin Hung/	Date Considered	06/24/2010
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